Return

GETINGE Castle

Castle® MP-106 and MP-107 Steam Conditioning Packages For Steam Sterilizers

Equipment Modernization Package

APPLICATION:

The MP-106 and MP-107 Modernization Packages are designed to provide preconditioning for steam supplied to Gravity/Steam or Vacuum/Steam Sterilizers. Utilizing a coalescing action steam filter and/or a thermodynamic steam trap and drip-leg arrangement, these packages will ensure a dry, clean steam supply to the sterilizer. These packages are applicable to all Steam Sterilizers having a 1" NPT or smaller steam supply line.

There are two versions of the Modernization Package available: the MP-106 has the coalescing steam filter and thermodynamic trap; and the MP-107 has the trap and drip-leg piping only.

FEATURES AND BENEFITS:

- Eliminates wet pack problems caused by wet steam supply.
- Facilitates drying capability of sterilizer.
- Aids in achieving and maintaining necessary vacuum levels in a vacuum/steam sterilization cycle.
- Coalescing steam filter has Teflon-coated sintered stainless steel element and stainless steel housing with differential pressure gauges.
- Filter element can be ultrasonically cleaned.
- Reliable, maintenance-free thermodynamic trap has only one moving part.
- By-pass piping (provided with package) allows use of steam supply while performing steam filter maintenance.

MATERIALS AND SERVICES SUPPLIED:

This modernization package includes all parts necessary to upgrade your Castle sterilizer. Installation and checkout will be performed by our factory-trained Product Support Technician.

SELECT ONE:

☐ MP-106 – Includes coalescing steam filter, thermodynamic trap and drip-leg piping.

☐ MP-107 – Includes thermodynamic trap and drip-leg piping.

Getinge/Castle, Inc. 1777 East Henrietta Road Rochester, New York 14623-3133 U.S.A. Telephone (716) 475-1400 Facsimile (716) 272-5033

DSMP-106/107 0197

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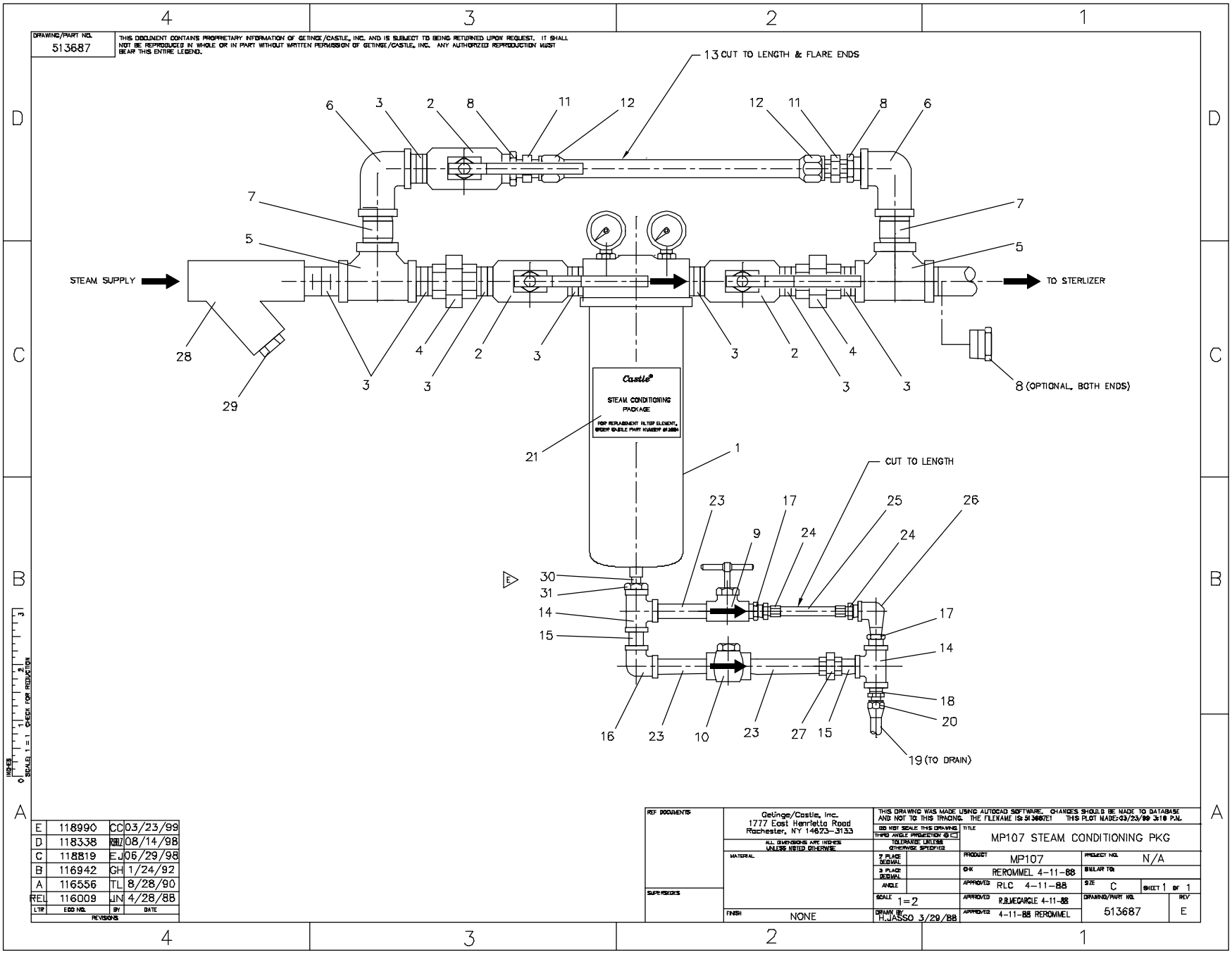
Return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13 CUT TO LENGTH & FLARE ENDS
STEAM SUPPLY
TO STERLIZER
8 (OPTIONAL, BOTH ENDS)
Castle
STEAM CONDITIONING PACKAGE
CUT TO LENGTH
19 (TO DRAIN)
SCALE: 1 = 1 CHECK FOR REDUCTION
E 118990 CC 03/23/99
D 118338 RW 08/14/98
C 118819 EJ 06/29/98
B 116942 GH 1/24/92
A 116556 TL 8/28/90
REL 116009 JN 4/28/88
LTR ECO NO. BY DATE
REVISIONS
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Getinge/Castle, Inc.
1777 East Henrietta Road
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THIRD ANGLE PROJECTION
TOLERANCE UNLESS OTHERWISE SPECIFIED
2 PLACE DECIMAL
3 PLACE DECIMAL
ANGLE
SCALE 1=2
DRAWN BY H.JASSO 3/29/88
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TITLE MP107 STEAM CONDITIONING PKG
PRODUCT MP107
PROJECT NO. N/A
CHK REROMMEL 4-11-88
SIMILAR TO
APPROVED RLC 4-11-88
SIZE C
SHEET 1 OF 1
APPROVED R.B.MCCARGLE 4-11-88
APPROVED 4-11-88 REROMMEL
DRAWING/PART NO. 513687
REV E

Return

Drawing # 513687 C

Assembly Number: 513687

STM CONDITIONING PKG,MP-106

Item	Description	Part Number	Qty
		24066	
1	FILTER,STEAM	513683	1
2	VALVE,BALL,1.00NPT	55120	3
3	NIPPLE,CLOSE,1.00NPT,BRS	12369	8
4	UNION,FEM,1.00FPX1.00FP,BRS	12292	2
5	TEE,1.00FPX1.00FPX1.00FP,BRS	12334	2
6	ELB,FEM,90,1.00FPX1.00FP,BRS	12253	2
7	NIPPLE,1.00NPTX 4.50 L,BRS	12458	2
8	RDCR,BSHG,1.00MPX .75FP,BRS	12210	4
9	VALVE,NEEDLE .38NPT	44685	1
10	TRAP,STM,THERMODYNAMIC,.38FP	68722	1
11	UNION,HALF, .75MPX .75DT,BRS	27088	2
12	NUT,FLRD, .75DT,BRS	27087	2
13	TB C .750 .042 WALL 7 AN R	R1469	2
14	TEE, .38FPX .38FPX .38FP,BRS	12309	2
15	NIPPLE,CLOSE, .38NPT,BRS	12366	2
16	ELB,FEM,90, .38FPX .38FP,BRS	12234	1
17	RDCR,BSHG, .38MPX .25FP,BRS	47433	2
18	UNION,HALF, .38MPX .38DT,BRS	27579	1
19	TB C .375 .030 WALL 7 R	R1051	10
20	NUT,FLRD, .38DT,BRS	23337	1
21	LABEL,STM FILTER	513688	1
22	MANUAL(I)-MP106/MP107	30954	1
23	NIPPLE, .38NPTX 3.50 L,BRS	12408	3
24	CONN,MALE, .25MPX .25DT,BRS	27112	2
25	TB C .250 .032 WALL R	R0434	1
26	ELB,ST,90, .25FPX .25MP,BRS	12259	1
27	UNION,FEM, .38FPX .38FP,BRS	12284	1
28	STRAINER,1.00NPT,BRZE	50952	1
29	PLUG,PIPE,1.00MPT,BRS	12301	1
30	NIPPLE,CLOSE, .12NPT,BRS	12364	1
31	RDCR,BSHG, .38MPX .12FP,BRS	12200	1

Return

Assembly Number: 68721

MP107 STM TRAP PIPING ASSY

Item	Description	Part Number	Qty
		30954	
1	TRAP,STM,THERMODYNAMIC,.38FP	68722	1
2	TEE,1.00FPX1.00FPX1.00FP,BRS	12334	2
3	RDCR,BSHG,1.00MPX .75FP,BRS	12210	1
4	NIPPLE,1.00NPTX24.50 L,BRS	48356	1
5	NIPPLE,1.00NPTX 6.00 L,BRS	12462	1
6	RDCR,BSHG,1.00MPX .38FP,BRS	54614	1
7	CONN,MALE, .38MPX .50DT,BRS	12625	1
8	TB C .500 .035 WALL 7 R	R1253	8
9	NIPPLE,CLOSE, .38NPT,BRS	12366	1
10	CAP,PIPE,1.00NPT,BRASS	69943	1
11	CTN,SHPNG,RSC,7.25X7.25X7.12	24025	1

DRAWING/PART NO. 513686

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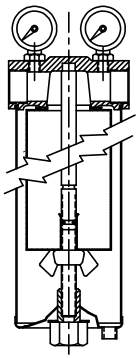
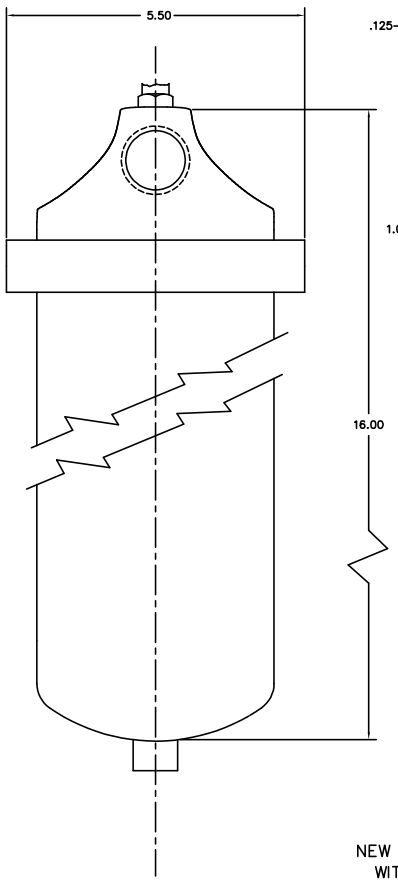
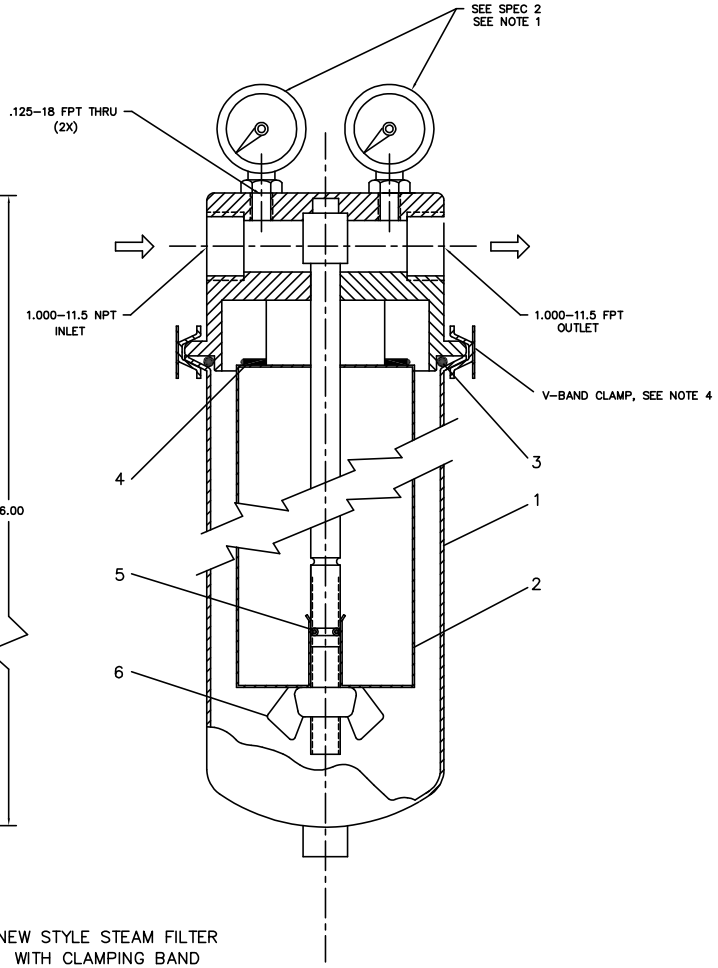


DETAIL A

OLD STYLE STEAM FILTER
WITH CASING NUT





NEW STYLE STEAM FILTER
WITH CLAMPING BAND

"ALL DIMENSIONS PURCHASE REFFERENCE"

	LAST REV	LATEST ECO	PART NO.	DESCRIPTION	REFER TO	
G	B	120432	513683	STEAM FILTER, COMPLETE	SPEC 1, ITEMS 1–6 + 12	
G	A	120432	513684	FILTER ELEMENT 316L	SPEC 1, ITEM 2	
	A	118280U	513685	FILTER SEAL PKG (SEE NOTE 3)	SPEC 1, ITEMS 3,4,5 & 12	
	~~REL~~	~~116419A~~	~~514287~~	~~FILTER SEAL PKG~~	~~SPEC 1, ITEMS 3,4,5 & 12~~	OBSOLETE–ECO 116556–EFFECTIVE DATE 8/28/90
	A	119500	61301604338	CLAMP, V–BAND	SEE NOTE 4	

NAME: STEAM FILTER

SPEC: 1)PARTS SUPPLIED AS FOLLOWS:

ITEM NO.	DESCRIPTION
1	CASING ASSY, SST
G 2	10" ELEMENT,TEFLON COAT, 20 MICRON
3	HEAD GASKET, EPDM
4	ELEMENT GASKET, EPDM
5	EPDM O–RING
6	WING NUT, SST, .500–13UNC
12 NOT SHOWN	O–RING APPLICATOR
1–6	COMPLETE ASSY

2)SUPPLIED WITH 2, 1.50 PRESSURE GAUGES, 0–160 psi. (SEE NOTE 1)

SOURCE OF SUPPLY:

MFR: OSMONICS
MINNETONKA, MINN.

VENDOR: TEMP–PRESS
ROCHESTER, N.Y.

CAT NO.: 4STM20–E–PD X 1 (COMPLETE ASSY)
1150563 (ELEMENT)
OLD TM20 DESIGNATION

NOTE: 1) GAUGE REPLACEMENT AVAILABLE FOR SERVICE AS PART NUMBER 514266

2) OR ENGRG APPROVED EQUIVALENT

3) PARTS SUPPLIED IN THIS SEAL PKG ARE FOR BOTH THE STEAM FILTERS WITH CENTER ROD AND CASING UNIT (SEE DETAIL A) AND FOR NEW STYLE STEAM FILTER WITH CLAMPING BAND. DETAILED INSTRUCTIONS IDENTIFYING SEALS AND THIER PLACEMENT ARE INCLUDED IN THE SEAL PACKAGE.

4) CLAMP REPLACEMENT AVAILABLE FOR SERVICE USE AS CASTLE P/N 61301604338 (OSMONICS CATALOG NO. 1195344)

G 5) FILTER IS NOW CUSTOM WITH TEMP–PRESS PROVIDING MODIFICATION.

"SPEC CONTROL DWG."

LTR	ECO NO.	BY	DATE
G	120432	EM	03/25/02
F	119500	RR	12/05/00
E	118280U	DR	06/05/00
D	118990	CC	03/23/99
C	116556	TL	08/28/90
B	116419A	DL	03/28/90
A	116419	DR	03/13/90
REL	116009	JN	04/28/88

REVISIONS

REF DOCUMENTS

SUPERSEDES

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MATERIAL

FINISH: NONE

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3 PLACE DECIMAL
ANGLE
SCALE 1=1

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APPROVED RER 04/11/88
APPROVED RLC 04/11/88
APPROVED RBM 04/11/88
APPROVED RER 04/11/88

TITLE: FILTER,STEAM,BASIC

PRODUCT: CV107
PROJECT NO.: N/A
SIMILAR TO:
SIZE: D
SHEET 1 OF 1
DRAWING/PART NO.: 513686
REV: G